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Mar 4, 1997

PUB-NO: JP409058503A

DOCUMENT-IDENTIFIER: JP 09058503 A

TITLE: AUTOMATIC TRAVELING DEVICE FOR VEHICLE

PUBN-DATE: March 4, 1997

INVENTOR-INFORMATION:

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APPL-NO: JP07221532

APPL-DATE: August 30, 1995

INT-CL (IPC): B62 D 6/00; B60 T 7/12

ABSTRACT:

PROBLEM TO BE SOLVED: To enhance steerage and safety of a vehicle by reliably controlling the vehicle by a driver even when driving operation of the driver and automatic control operation interfere with each other in an automatic traveling device for a vehicle.

SOLUTION: An automatic traveling device for a vehicle is provided with an automatic steering mechanism 13 to control a power steering device 12 regardless of steering force of a steering wheel 11 and an automatic brake mechanism 16 to control this brake device 15 regardless of stepping force of a brake pedal 14, and a controller 17 controls the automatic steering mechanism 13 and the automatic brake mechanism 16 according to a vehicle traveling condition, and an automatic steering mode is gradually released by steering the steering wheel 11, and an automatic brake actuating mode can be released by stepping an accelerator pedal 63.

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